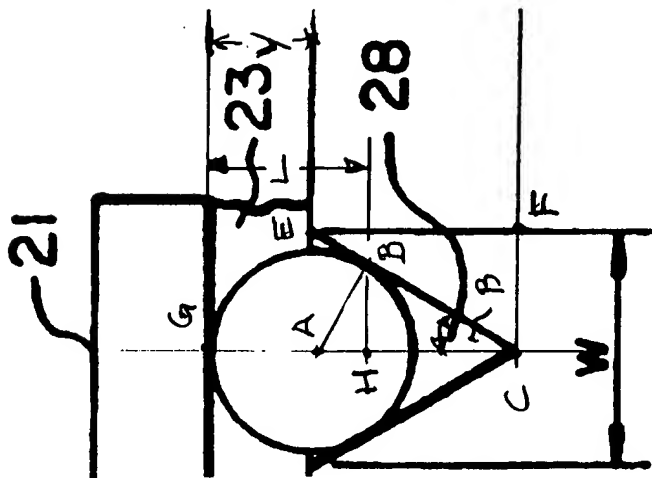


09/819,330

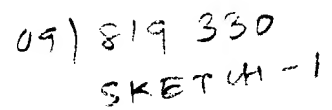
SKETCH-2

D=Dia of Fiber 100 Micrometer  
Angle Beta=35 degrees  
EF=Tan 55 \* W/2  
AC=AB/Sin35=(D/2)/Sin35  
AH=.5\*D\*Cos55  
CG=AC+.5\*D  
Y-CG-EF  
AH=.5\*D\*Cos55  
L=AH+.5\*D



D	W	W/2	Tan 55=1.4281 EF	AC	Tan 35=.7002 CG	Y=CG-EF	AH	Sin 35=.5736 L=AH+D/2	L/6	Y	L/2
100	146	73	104.2513	87.16876	137.1688	32.91746	28.68	78.68	13.11333	32.91746	39.34

D	W	W/2	Tan 55=1.4281 EF	AC	Tan 35=.7002 CG	Y=CG-EF	AH	Sin 35=.5736 L=AH+D/2	L/6	Y	L/2
100	146	73	104.2513	87.16876	137.1688	32.91746	28.68	78.68	13.11333	32.91746	39.34



$$\frac{L}{6} = 17.78 ; \quad \frac{L}{4} = 26.67$$